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dynamic binary translation intermediate

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**FXI 32: A profile-directed **binary** translator**- [\\*kfupm.edu.sa](#) (PDF)

A Chernoff, M Herdeg, R Hookway, C Reeve, N Rubin, ... - IEEE Micro, 1998 - eprints.kfupm.edu.sa

... is represented in the **intermediate** representation with ... Two previous types of **binary translation** already existed ... design Digital FXI32: **dynamic** translators and ...

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**Machine-adaptable **dynamic binary translation****- [\\*psu.edu](#) (PDF)

D Ung, C Cifuentes - ACM SIGPLAN Notices, 2000 - portal.acm.org

... doing such analysis in a **dynamic binary translation** environment ... of a q-lello World" **binary** program compiled ... Note that the **translation** is done incrementally, ie ...

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(PDF) **\*Walkabout-a retargetable **dynamic binary translation** framework**

C Cifuentes, B Lewis, D Ung - Workshop on **Binary Translation**, 2002 - sunlabs.com

... show that retargetable **dynamic binary translation** is feasible. The former is based on the UQBT system and makes use of one **intermediate** representation for both ...

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**Binary translation: Static, **dynamic**, retargetable**- [\\*kfupm.edu.sa](#) (PDF)

C Cifuentes, V Malhotra - Proceedings of the International Conference on Software ..., 1996 - ieeeexplore.ieee.org

... of a **dynamic binary translator** is depicted in Figure 3l. The **binary** program is fed into the front-end which generates an **intermediate** representation of a ...

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**Valgrind: A framework for heavyweight **dynamic binary** instrumentation**- [\\*columbia.edu](#) (PDF)

N Nethercote, J Seward - Proceedings of the 2007 PLDI conference, 2007 - portal.acm.org

... 3.2 Execution Overview Valgrind uses **dynamic binary** re-compilation ... code block into an **intermediate** representation (IR ... The resulting **translation** is stored in a ...

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**Using **dynamic binary translation** to fuse dependent instructions**- [\\*wisc.edu](#) (PDF)

S Hu, JE Smith - Proceedings of the international symposium on Code ..., 2004 - portal.acm.org

... The task of our **dynamic binary translator** is to crack x86 instructions from a hot superblock into a RISC-like **intermediate** form and then perform instruction ...

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**IA-32 execution layer: a two-phase **dynamic** translator designed to support IA-32 applications on ...**- [\\*kfupm.edu.sa](#) (PDF)

L Baraz, T Devor, O Etzion, S Goldenberg, A ... - Microarchitecture, 2003. MICRO-36. Proceedings. 36th Annual ..., 2003 - ieeeexplore.ieee.org

... The **translator** computes weights and attaches them to ... eliminate additional IA-32 Application **Binary** i IA-32 ... Caches and collected static / **dynamic** information 4 ...

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(PDF) **\*Fast machine-adaptable **dynamic binary translation****

M Probst - Proceedings of the Workshop on **Binary Translation**, 2001 - citeseerx.ist.psu.edu

... We have presented a **dynamic binary translation** system which is resourceable and retargetable. Our system does not use an **intermediate** representation to ...

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[Retargetable and reconfigurable software \*\*dynamic translation\*\*- \\*pitt.edu \(PDF\)](#)

K Scott, N Kumar, S Velusamy, B Childers, JW ... - Proceedings of the international symposium on Code ..., 2003 - portal.acm.org

... As we began to review the broader literature in **dynamic** optimization, **dynamic binary translation**, emulation, simulation, performance monitoring, and late ...

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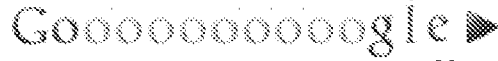
[Dynamo: a transparent \*\*dynamic\*\* optimization system- \\*upc.edu \(PDF\)](#)

V Baia, E Duesterwald, S Banerjia - ACM SIGPLAN Notices, 2000 - portal.acm.org

... it into a low-level **intermediate** representation (IR ... indirect branch target addresses (application **binary** addresses ... entry is found for the **dynamic** indirect branch ...

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Key authors: [C Cifuentes](#) - [N Nethercote](#) - [E Duesterwald](#) - [A Chernoff](#) - [D Bruening](#)



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